

**Mnk2 Polyclonal Antibody**  
**Catalog # AP70991****Specification**

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**Mnk2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9HBH9</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**Mnk2 Polyclonal Antibody - Additional Information****Gene ID** 2872**Other Names**

MKNK2; GPRK7; MNK2; MAP kinase-interacting serine/threonine-protein kinase 2; MAP kinase signal-integrating kinase 2; MAPK signal-integrating kinase 2; Mnk2

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Mnk2 Polyclonal Antibody - Protein Information****Name** MKNK2**Synonyms** GPRK7, MNK2**Function**

Serine/threonine-protein kinase that phosphorylates SFPQ/PSF, HNRNPA1 and EIF4E. May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap. Required for mediating PP2A- inhibition-induced EIF4E phosphorylation. Triggers EIF4E shuttling from cytoplasm to nucleus. Isoform 1 displays a high basal kinase activity, but isoform 2 exhibits a very low kinase activity. Acts as a mediator of the suppressive effects of IFNgamma on hematopoiesis. Negative regulator for signals that control generation of arsenic trioxide As(2)O(3)-dependent apoptosis and anti-leukemic responses. Involved in anti-apoptotic signaling in response to serum withdrawal.

**Cellular Location**

[Isoform 2]: Nucleus, PML body.

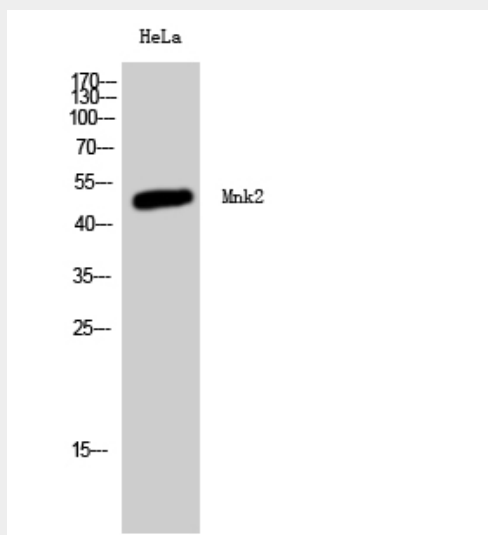
**Tissue Location**

Ubiquitously expressed in all tissues examined. Isoform 2 is expressed at higher levels in the ovary than is isoform 1

**Mnk2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Mnk2 Polyclonal Antibody - Images****Mnk2 Polyclonal Antibody - Background**

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